

TA Team-Tata Electronics

Job Description

Title of the position	TSAT-Graduate Engineer Trainees (GET)
Location	Vemegal, Karnataka or Jagiroad, Assam or any other location as per business requirements
About The Business	<p>Tata Electronics Private Limited (TEPL) is a greenfield venture of the Tata Group with expertise in manufacturing precision components.</p> <p>Tata Electronics (a wholly owned subsidiary of Tata Sons Pvt. Ltd.) is building India's first AI-enabled state-of-the-art Semiconductor Foundry. This facility will produce chips for applications such as power management IC, display drivers, microcontrollers (MCU) and high-performance computing logic, addressing the growing demand in markets such as automotive, computing and data storage, wireless communications and artificial intelligence.</p> <p>In 2020, Tata group has formed a greenfield venture, Tata Electronics Private Limited ("TEPL"), to embark on its electronics manufacturing journey. TEPL has incorporated a wholly owned subsidiary named Tata Semiconductor Assembly and Test Private Limited ("TSAT") as an entry point in semiconductor packaging assembly and test services. Tata Semiconductor Assembly and Test is experiencing accelerated growth across Semiconductor Packaging and Surface Mount Technology applications. The OSAT space is uncharted territory and TSAT is expected to pave the way for OSAT in India through consistent technology prove-out.</p>
Essential Attributes and Responsibilities	<p>Electronics & Electrical Engineers:</p> <ul style="list-style-type: none">• Develop, implement, and maintain electrical test procedures and specifications for semiconductor devices.• Analyse test data to identify and troubleshoot electrical issues in components and equipment.• Collaborate with process engineers and technicians to resolve production problems and optimize process performance.• Participate in the design, installation, and maintenance of electrical systems and equipment used in the fab and packaging areas.• Stay up to date on the latest advancements in semiconductor technology and testing methodologies.• Contribute to continuous improvement initiatives by identifying opportunities for process optimization and automation.

	<ul style="list-style-type: none"> • Prepare and maintain technical documentation related to electrical systems and procedures. • May participate in cross-functional teams to address complex technical challenges. <p>Mechanical Engineers:</p> <ul style="list-style-type: none"> • Assist senior engineers in troubleshooting, repairing, and maintaining machinery and equipment. • Perform preventive maintenance tasks to help prevent equipment failures. • Troubleshoot electrical, mechanical, and pneumatic systems. • Diagnose and repair problems with equipment controls. • Replace defective parts and components. • Test and calibrate equipment. • Assist with new product development projects. • Work with other engineers and technicians to ensure that machinery and equipment is properly maintained and operated.
<p>Personal Attributes</p>	<ul style="list-style-type: none"> • Highly motivated and driven. • Eager to learn and grow. • Proactive and takes initiatives • Customer-focused and results-oriented • Team player and collaborator • Excellent problem-solving and analytical skills • Ability to work independently and as part of a team • Strong communication and interpersonal skills
<p>Academic Qualifications</p>	<p>Bachelor's in engineering - Electronics/Electrical/Mechanical/Industrial Engineering/Production Engineering branches with a strong academic record (CGPA) and without active backlogs</p>
<p>CTC offered</p>	<p>6 LPA + 1 Lakh joining bonus</p>